

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A communication system comprising:
a user interface unit that generates and transmits a command for configuring a report; and
a mobile unit having a processor, a memory, and a wireless modem, wherein the mobile unit collects data about physical status of the mobile unit, [[for]] automatically uses the data to generate generating a report according to the command, formats formatting the report according to an electronic mail protocol, and transmits [[transmitting]] the report to the user interface unit.
2. (Previously Presented) The system of claim 1, wherein the report is transmitted from the mobile unit to the user interface unit according to one of SMTP, POP, IMAP, MIME, RFC-822, and Instant Messaging (IM) protocols.
3. (Original) The system of claim 1, wherein the mobile unit further comprises a detection component coupled to the processor, wherein the detection component comprises a sensor for measuring a physical parameter.
4. (Original) The system of claim 1, wherein the mobile unit further comprises a means for determining a position of the mobile unit.
5. (Original) The system of claim 1, wherein the mobile unit further comprises a receiver for receiving positioning data from satellites, allowing the processor to use the positioning data for determining a position of the mobile unit.
6. (Previously Presented) The system of claim 1, wherein the memory stores the report for a predefined length of time after the report is transmitted to the user interface unit.

7. (Previously Presented) The system of claim 1 further comprising a plurality of mobile units including the mobile unit, wherein the user interface unit is connected to a backend processing unit for combining reports generated by the plurality of mobile units.

8. (Original) The system of claim 1, wherein the user interface unit comprises an input device for receiving information from a user and an output device for presenting information to a user.

9. (Original) The system of claim 1, wherein the report format is changeable through the user interface unit.

10. (Previously Presented) The system of claim 1, wherein the mobile unit reconfigures the report according to the command received from the user interface unit.

11. (Original) The system of claim 1 further comprising a database for manually entered peripheral data, wherein the peripheral data is used for compliance with the report format.

12. (Previously Presented) The system of claim 11, wherein the peripheral data comprise at least one of landmarks, maps, speed limits, and traffic light locations for the mobile unit to use as a positional reference in the report, wherein the positional reference indicates a position of the mobile unit.

13. (Previously Presented) The system of claim 11, wherein the mobile unit adds landmarks to the database for use in the report.

14. (Previously Presented) The system of claim 1, wherein the user interface unit transmits one or more landmarks to the mobile unit for use as a positional reference in the report.

15. (Currently Amended) A mobile communication device comprising:
a detection component for measuring a physical status parameter;

a processor connected to the detection component, wherein the processor is for generating a report incorporating the physical status parameter according to an external command;

a memory connected to the processor, wherein the memory is for storing the report; and

a wireless modem connected to the processor, wherein the wireless modem is for transmitting the report according to predetermined electronic mail protocol once the physical status parameter fulfills a condition.

16. (Original) The device of claim 15, wherein the predetermined electronic mail protocol is one of SMTP, POP, IMAP, MIME, RFC-822, and Instant Messaging (IM) protocols.

17. (Currently Amended) The device of claim 15 further comprising a receiver for receiving positioning information, wherein the processor uses the positioning information to determine a location of the mobile communication device [[unit]].

18. (Currently Amended) The device of claim 17 further comprising a database for storing maps, traffic light locations, and landmarks for use as a positional reference in the location of the mobile communication device [[unit]].

19. (Previously Presented) The device of claim 15, wherein the condition is one of:
a passage of predetermined amount of time since a previous transmission;
a predefined relationship between the physical parameter and a reference value;
a minimum distance traveled since a previous transmission; and
a command from an external source to transmit the report.

20. (Currently Amended) A method of communication comprising:
obtaining data about physical status of a mobile unit;
remotely receiving a command about configurations for a report;
automatically preparing the report in accordance with the configurations in the command,
wherein the report incorporates the data; and

transmitting the report using one of SMTP, POP, IMAP, MIME, RFC-822, and Instant Messaging (IM) protocols if the data satisfies a predefined condition, without receiving an external command to transmit.

21. (Original) The method of claim 20 further comprising determining whether the data fulfills a predefined condition by comparing the data against a reference value.

22. (Original) The method of claim 20, wherein the data is at least one of position information, calculated information, physical parameters, and environmental parameters.

23. (Previously Presented) The method of claim 20 further comprising time-stamping the report.

24. (Previously Presented) The method of claim 20 further comprising storing the report for a predetermined period of time.

25. (Original) The method of claim 20 further comprising counting a length of distance traveled or time passed since a previous transmission to determine if the data satisfies the predefined condition.

26. (Previously Presented) The method of claim 20 further comprising reconfiguring the report in response to a command, wherein the command is received in an e-mail format.

27. (Original) The method of claim 20 further comprising:
comparing the data against an emergency condition; and
transmitting an alert signal if the data satisfies the emergency condition.

28. (Original) The method of claim 20 further comprising:
receiving an enabling command for adding new data to a database; and
adding new data to the database before receiving a disabling command for disabling addition of new data to the database.

29. (Previously Presented) The method of claim 20 further comprising preparing the report in a human-readable format such that no format conversion is necessary before the report is presented to a viewer.

30. (Original) The method of claim 29, wherein the human-readable format is one of HTML and text format.

31. (Previously Presented) The method of claim 20 further comprising preparing the report in a standard application format.

32. (Previously Presented) The method of claim 20 further comprising encrypting the report prior to transmission.

33. (Original) The method of claim 20 further comprising:
receiving a message in one of SMTP, POP, IMAP, MIME, RFC-822, and Instant Messaging (IM) protocols; and
authenticating the received message.

34. (Canceled)

35. (Previously Presented) A mobile device for communication via a wireless network, comprising:
means for obtaining physical data and positioning data;
means for receiving a configuration command;
means for preparing a report using the physical data and the positioning data, wherein the report includes data requested in the configuration command; and
means for transmitting the report in an electronic mail format without receiving an external command to transmit.

36. (Previously Presented) Computer-readable medium having computer-executable instructions for communicating via a wireless network wherein the instructions, upon execution, perform a process that comprises:

obtaining physical data and positioning data;

receiving a configuration command;

preparing a report using the physical data and the positioning data, wherein the report includes data requested in the configuration command; and

transmitting the report in an electronic mail format without receiving an external command.